IN THE CLAIMS

1. (Previously amended) A fiber optic video transmitter system, which comprises:

input means for receiving an uncompressed digital video signal from a coaxial cable;

a cable equalizer for receiving and equalizing said digital video signal from said input means and producing an equalized signal;

a reclocker for receiving and synchronizing said equalized signal to a predetermined standard signal and outputting a first synchronized data signal;

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a laser transmitter means for receiving said first synchronized data signal, and producing a laser beam carrying the resulting data signal; and

means for directing said resulting data signal into a fiber optic cable for transmitting said first synchronized data signal.

2.(original) The fiber optic video transmitter system according to claim 1 further including:

means for directing a second equalized signal from said cable equalizer;

a level detector for receiving said second equalized signal and detecting signal level;

means for directing signal level output from said level detector and means for directing a second synchronized data

signal from said reclocker to a data rate and lock encoder;

said data rate and lock encoder including means for receiving said detected signal level output and said second synchronized data signal and providing visible indica showing data rate and signal status.

3. (original) The fiber optic video transmitter system according to claim 2 wherein said visible indicia comprises a plurality of light emitting diodes.

4. (Original) The fiber optic video transmitter system according to claim 3 wherein a first set of said light emitting diodes comprises one light emitting diodes corresponding to each system data rate, and further including means for lighting a light emitting diode corresponding to the data rate in use.

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5. (original) The fiber optic video transmitter system according to claim 3 wherein a second set of three of said light emitting diodes and further includes means for lighting diodes corresponding to signal level.

6. (original) The fiber optic video transmitter system according to claim 1 further including a power regulator for receiving 12 volt power and directing regulated 5 volt direct current power to other system components and further including visible indicia for indicating that power is on.

7. (Currently amended) A fiber optic video receiver system, which comprises:

input means for receiving an uncompressed digital video signal from a fiber optic cable and outputting a corresponding electrical signal;

a reclocker for receiving and synchronizing said electrical signal to a predetermined standard signal and outputting a synchronized data signal; ~~and~~

coaxial cable driver means for receiving said synchronized data signal and including means for directing said synchronized data signal into at least one coaxial cable;

means for directing a second synchronized signal from said reclocker;

a data rate and lock encoder for receiving said second syncronized signal and producing an encoded data rate and lock signal; and

means for directing said encoded signal from said data rate and lock detector to a driver for producing visible indica showing data rate and signal status.

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8. (canceled)

9. (original) The fiber optic video receiver system according to claim 7 further including a power regulator for receiving 12 volt power and directing regulated 5 volt direct current power to other components and further including visible indicia for indicating that power is on.

10. (Currently amended) The fiber optic video receiver system according to claim ~~8~~ 7 wherein said visible indicia comprises a plurality of light emitting diodes.

11. (Original) The fiber optic video receiver system according to claim 10 wherein a first set of said light emitting diodes comprises one light emitting diodes corresponding to each system data rate, and further including means for lighting a diode corresponding to the data rate in use.

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12. (Original) The fiber optic video receiver system according to claim 10 wherein a second set of three of said light emitting diodes and further includes means for lighting diodes corresponding to level of signal lock.

13. (Previously amended) A fiber optic video transmitter and receiver system for transmitting video signals over long distances, which comprises:

a fiber optic video transmitter which comprises:

input means for receiving an uncompressed digital video signal from a coaxial cable;

a cable equalizer for receiving and equalizing said uncompressed digital video signal from said input means and producing an equalized signal;

a reclocker for receiving and synchronizing said equalized signal to a predetermined standard and outputting a first synchronized data signal;

a laser transmitter means for receiving said first synchronized data signal, and producing a laser beam carrying the resulting data signal; and

output means for directing said resulting data signal into a fiber optic cable for transmitting said first synchronized data signal; and

a fiber optic video receiver which comprises:

input means for receiving a digital video signal from said fiber optic cable and outputting a corresponding electrical signal;

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a reclocker for receiving and synchronizing said electrical signal to a predetermined standard signal and outputting a synchronized data signal; and

coaxial cable driver means for receiving said synchronized data signal and including means for directing said synchronized data signal into at least one coaxial cable.

14. (Previously amended) The fiber optic video transmitter and receiver system for transmitting video signals over long distances according to claim 13 wherein each of said fiber optic video receiver and transmitter further includes a power regulator for receiving 12 volt power and directing regulated 5 volt direct

current power to other components and further including visible indicia for indicating that power is on.

15. (Original) The fiber optic video transmitter and receiver system for transmitting video signals over long distances according to claim 13 wherein said fiber optic video transmitter system further includes:

means for directing a second equalized signal from said cable equalizer;

a level detector for receiving said second equalized signal and detecting signal level;

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means for directing signal level output from said level detector and means for directing a second synchronized data signal from said reclocker to a data rate and lock encoder;

said data rate and lock encoder including means for receiving said detected signal level output and said second synchronized data signal and providing visible indica showing data rate and signal status.

16. (Original) The fiber optic video transmitter and receiver system for transmitting video signals over long distances according to claim 13 wherein said visible indicia comprises a plurality of light emitting diodes.

17. (Original) The fiber optic video transmitter and receiver system for transmitting video signals over long distances according to claim 13 wherein said fiber optic video receiver further includes:

means for directing a second synchronized signal from said reclocker;

a data rate and lock encoder for receiving said second equalized signal and producing an encoded data rate and lock signal; and

means for directing said encoded signal from said data rate and lock detector to a driver for producing visible indica showing data rate and signal status.

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18. (Original) The fiber optic video transmitter and receiver system for transmitting video signals over long distances according to claim 17 wherein said visible indicia comprises a plurality of light emitting diodes.

Claim Rejections under 35 USC §103

The examiner has rejected claims 7 and 9, as unpatentable per Viola.

Claim 8 and claims 10-12 were objected to under section 112.

The objection per 112 to the elements in claim 8 has been corrected and added to claim 7.

Consequently, claim 7 now has elements neither taught nor suggested in the prior art and should be allowable.

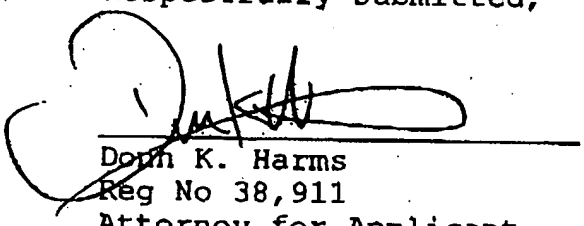
All claims dependant from claim 7 should also be allowable.

As such, remaining claims 1-7 and 9-18 in the application should therefor all be allowable.

Final Remarks

Should the Examiner have any further questions or concerns the Examiner wishes to address by Examiner's amendment by telephone or otherwise, or should the Examiner have suggestions to more clearly define the subject matter of the claims to more clearly define the patentable subject matter, the Applicant's attorney would be most receptive to such.

Respectfully submitted,



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